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**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

APPLICANTS: Ellington et al.

SERIAL NUMBER: 09/883,119

EXAMINER: Janet L. Epps-Ford

FILING DATE: June 14, 2001

ART UNIT: 1635

FOR: REGULATABLE, CATALYTICALLY ACTIVE NUCLEIC ACIDS

**MAIL STOP AF**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Boston, Massachusetts  
October 14, 2004

**RESPONSE AND AMENDMENT**

This Response and Amendment is submitted in response to the Office Action mailed April 20, 2004, in the above-identified patent application. With a three month extension, this response is due on or before October 20, 2004. Submitted herewith is a Petition for a Three Month Extension of Time, along with the appropriate fee under 37 C.F.R. §1.17(a). Applicants believe no additional fees are due in connection with this filing. However, the Commissioner is hereby authorized to charge any additional fees that may be due, or credit any overpayment of same, to Deposit Account No. 50-0311, Reference No. 23239-301C.

Please amend the above-identified application as follows:

Amendments to the Claims are reflected in the listing of claims which begins on page 2 of this paper.

Remarks/Arguments begin on page 4 of this paper.